

Figure 1: Prior Art

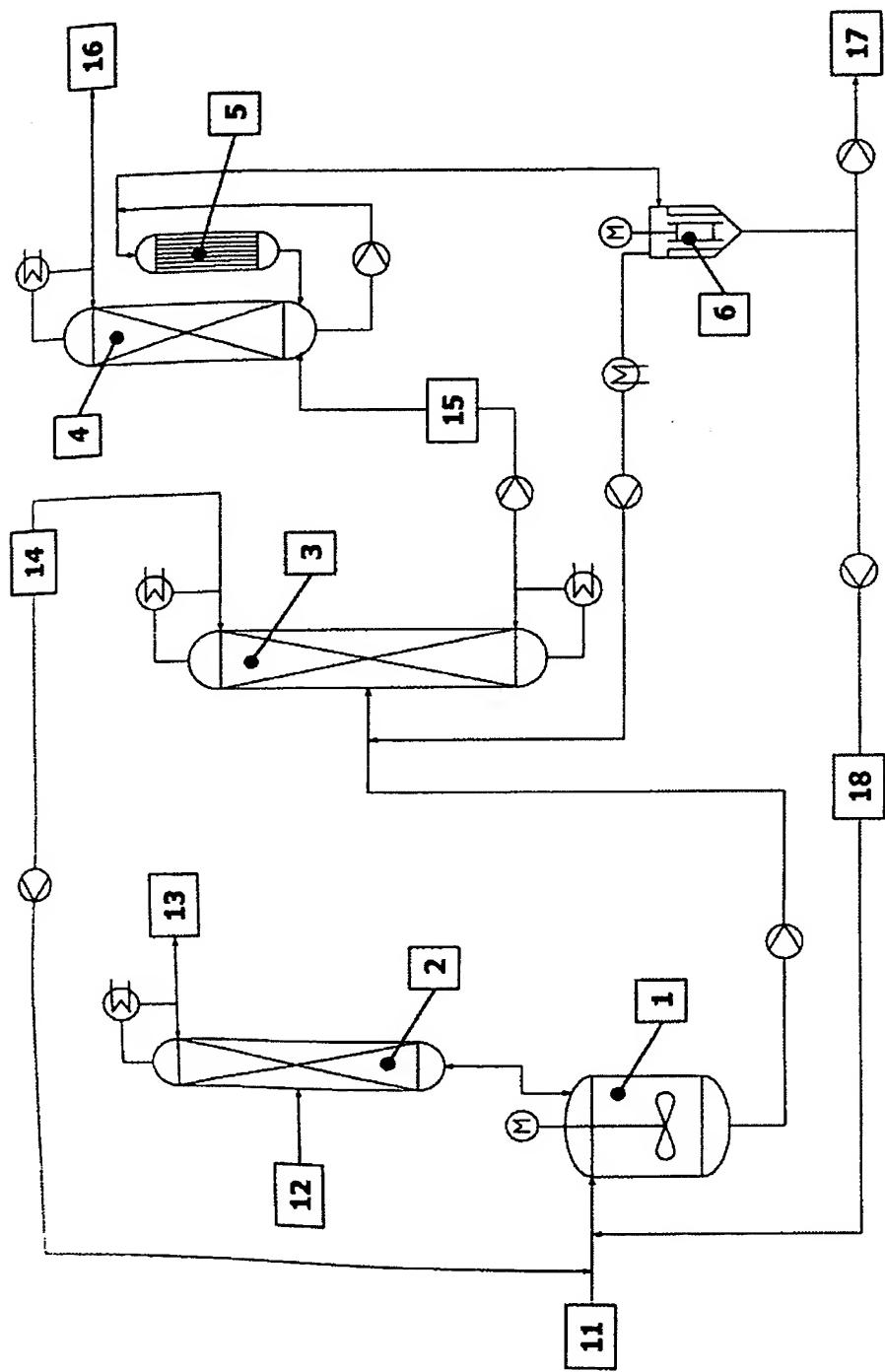


Figure 2: Solution variant 1

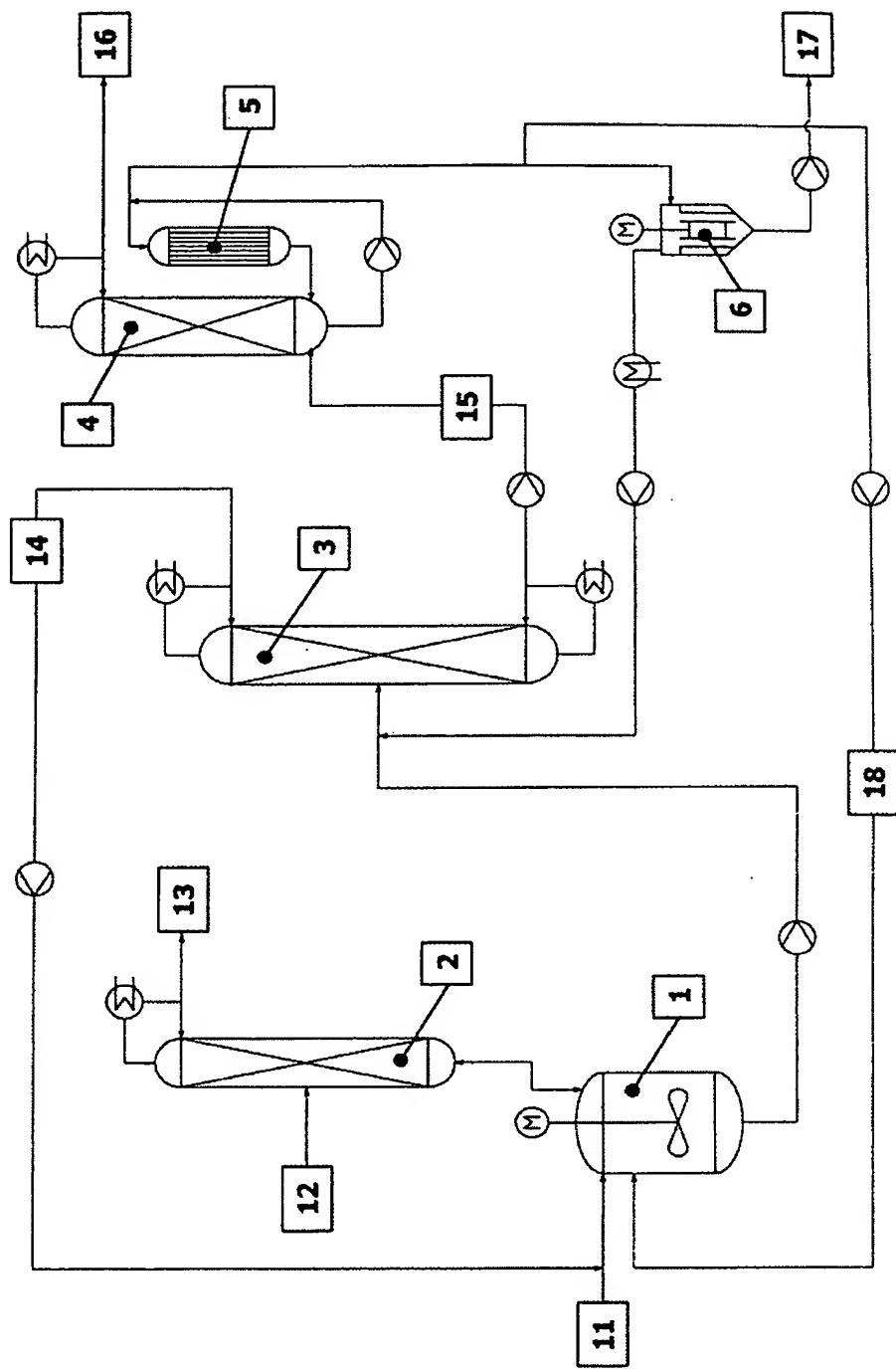


Figure 3: Solution variant 2

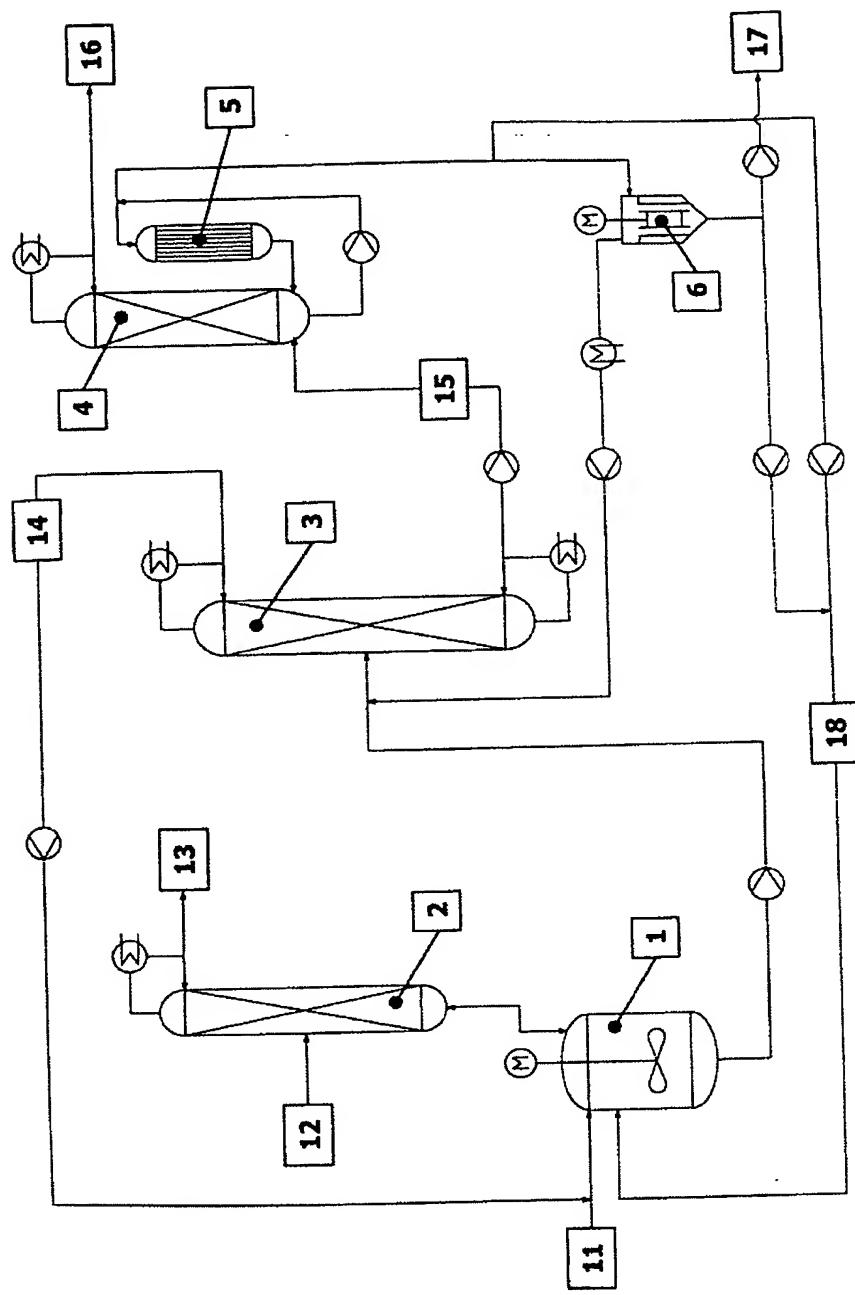


Figure 4: Solution variant 3

10/541307

OBLON ET AL (703) 413-3000
DOCKET # 273100K SHEET 5 OF 5

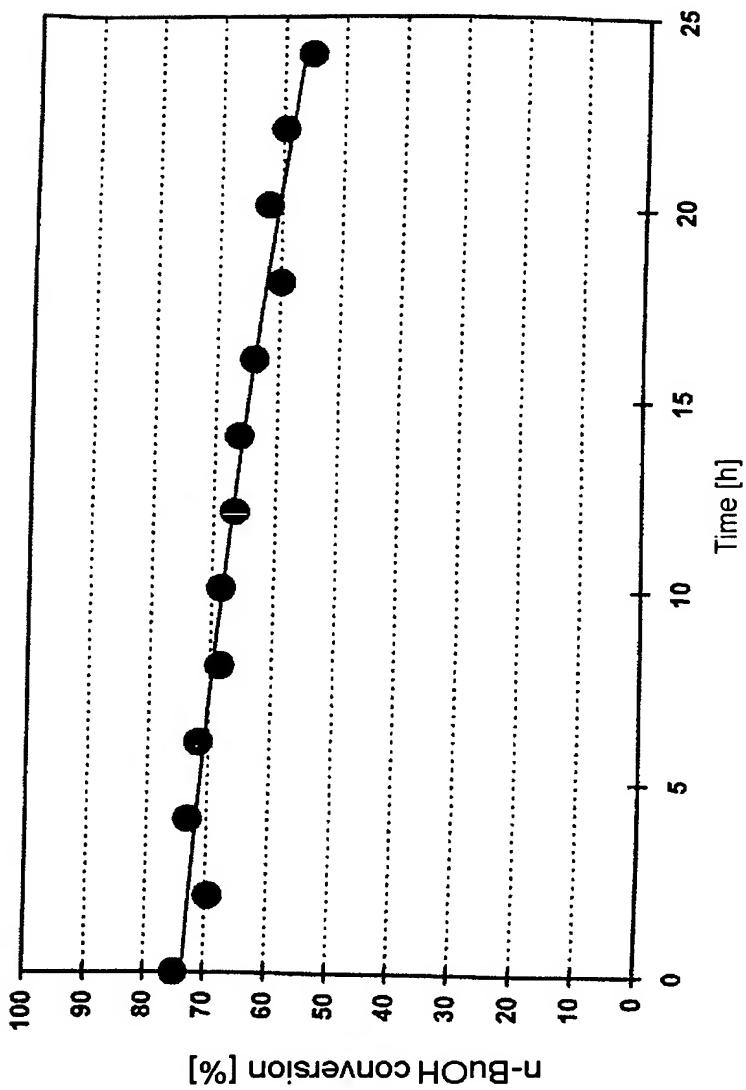


Figure 5: n-butanol (n-BuOH) conversion as a function of time with complete catalyst recycling